

01-31-02

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1046 U.S. PTO  
10/060048  
01/29/02

PTO/SB/05 (4/98)  
Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. MTV-036.01  
First Inventor or Application Identifier Stephanopoulos, et al.  
Title Defining Biological States and Related Genes, Proteins and Patterns  
Express Mail Label No. EL 408068061 US

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.

1. ☐ \* Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. ☒ Specification [Total pages 155]  
(referred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets 17)

4. ☐ Oath or Declaration (Total Sheets 2)

- ☐ Newly executed (original or copy)
- ☐ Copy from a prior application (37 C.F.R. § 1.63 (d))  
(for continuation/divisional with Box 16 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application see 37 C.F.R. § 1.63(d)(2) and 1.33(b)

**\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27) EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

5. ☐ Microfiche Computer Program (Appendix)

6. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))

8. ☐ (37 C.F.R. § 3.73) Statement ☐ Power of Attorney  
(when there is an assignee)

9. ☐ English Translation Document (if applicable)

10. ☐ Information Disclosure Statement (IDS) PTO-1449 ☐ Copies of IDS Citations

11. ☐ Preliminary Amendment

12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

13. ☐ \*Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired  
(PTO/SB/09-12)

14. ☐ Certified Copy of Priority Documents(s)  
(if foreign priority is claimed)

15. Other

16. **If a CONTINUING APPLICATION, check appropriate, box, and supply the requisite information below and in preliminary amendment:**

- ☐ Continuation ☐ Divisional ☐ Continuation-in-part(CIP) ☐ of prior application No: \_\_\_\_/\_\_\_\_
- Prior application information Examiner: \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporations can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label **Customer No: 25181** ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name John Quisel  
PATENT DEPARTMENT

Address FOLEY, HOAG & ELIOT, LLP  
One Post Office Square

City Boston State MA Zip Code 02109-2170

Country US Telephone (617) 832-1000 Fax (617) 832-7000

Name (Print/Type) John D. Quisel Registration No Attorney/Agent) 47,874

Signature [Signature] Date January 29, 2002

Burden Hour Statement: This form is estimated to take 0.2 hour to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner of Patents, Box Patent Application, Washington, DC 20231

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I, John D. Quisel, do hereby certify that the foregoing documents are being deposited with the United States Postal Service as Express Mail, postage prepaid, "Post Office to Addressee", in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on this date of January 29, 2002.



John D. Quisel

**Express Mail Label: EL 408 068 061 US**

**Date of Deposit: January 29, 2002**

**New Utility Patent Application**

**Attorney Docket No. MTV-036.01 (20021-3601)**

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